Putative 2-Aminoethylphosphonate-Binding Periplasmic Protein (phnS) Salmonella Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative 2-aminoethylphosphonate-binding periplasmic protein (phnS), Recombinant Protein
Full Product Name	Recombinant Salmonella typhi Putative 2-aminoethylphosphonate-binding periplasmic protein (phnS)
Product Gene Name	phnS recombinant protein
Product Synonym Gene Name	phnS
Sequence	ESVVTVYSID GLHDGDNSWY QVQFDAFTKA TGITIRYVEG GGGVVVERLA KERTNPQADV LVTAPPFIQR AAAEKLLANF NTDAASAIPD ANNLYSPLVK NYLSFIYNSK LLKTAPASWQ DLLDGKFKNK LQYSTPGQAA DGTAVMLQAF HSFGSKDASF AYLGKLQANN VGPSASTGKL TALVNKGEIY VANGDLQMNL AQMERNPNVK IFWPANDKGE RSALAIPYVI GLVQGAPQSE NGKKLINFLL SKEAQTRVSE LSWGMPVRSD VTPSDEHYKA ATAALEGVQS WQPNWDDVAV SLSADISRWH KVTESE
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	36,561 Da
Sequence Positions	22-337, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8Z8W7
Species	Salmonella typhi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for phnS recombinant protein	MBS1309896 is a recombinant protein targeting phnS. Also known as Recombinant Salmonella typhi Putative 2-aminoethylphosphonate-binding periplasmic protein (phnS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of phnS recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for phnS. It may not necessarily be applicable to this product.

NCBI GI #	16759406
NCBI GeneID	1246942
NCBI Accession #	NP_455023.1

UniProt Primary Accession #	Q8Z8W7
UniProt Secondary Accession #	Q7C880
GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	2-aminoethylphosphonate transporter substrate-binding protein PhnS
NCBI Official Symbol	phnS
UniProt Protein Name	Putative 2-aminoethylphosphonate-binding periplasmic protein
Protein Family	Putative 2-aminoethylphosphonate-binding periplasmic protein
UniProt Gene Name	phnS
NCBI Protein Information	2-aminoethylphosphonate transporter substrate-binding protein PhnS
UniProt Comments for phnS	Probably part of the PhnSTUV complex (TC 3.A.1.11.5) involved in 2-aminoethylphosphonate import.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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